

### **DETAILED ACTION**

1. The following is an examiner's statement of reasons for allowance. In interpreting the claims, in light of the specification and the applicant's amendments and remarks filed 03/26/2008, the Examiner finds the claimed invention to be patentably distinct from the prior art of record. The prior art does not distribute a path overload to a plurality of paths as required by the claims of the present application. In contrast to the prior art, the present invention teaches an incremental distribution of a portion of an overload on a selected path to a plurality of other paths using the specific equations cited in the claims of the present invention. The limitations of the independent claims are allowable subject matter over the prior art, in light of the specification.

2. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

3. Claims 12-18 are allowed.

/Jason D Cardone/  
Supervisory Patent Examiner, Art Unit 2145